



PATENT  
Customer No. 22,852  
Attorney Docket No. 03626.0018-00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Lawrence G. ANDERSON et al. ) Group Art Unit: 1773  
Application No.: 09/629,422 ) Examiner: Susan W. Berman  
Filed: July 31, 2000 )  
For: DUAL CURE COATING )  
COMPOSITIONS HAVING )  
IMPROVED SCRATCH )  
RESISTANCE, COATED )  
SUBSTRATES AND METHODS )  
RELATED THERETO )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(c)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed after the events recited in Section 1.97(b) but, to the undersigned's knowledge, before the mailing date of either a Final action, Quayle action, or a Notice of Allowance. Under the provisions of 37 C.F.R. § 1.97(c), this Information Disclosure Statement is accompanied by a fee of \$180.00 as specified by Section 1.17(p).

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By:   
Mark D. Sweet  
Reg. No. 41,469

Dated: September 20, 2004



OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Atty. Docket No. 050200018-00	Appln. No. 09/629,422
Applicant Lawrence G. ANDERSON et al.	
Filing Date July 31, 2000	Group: 1773

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	R. Stephen Davidson, <u>Developments in radiation curing science and technology</u> , Polymers Paint Colour Journal, Vol. 189 (No. 4421), 10-16 (October 1999)
	Thomas Jaworek et al., <u>Radiation Curable Materials - Principles and New Perspectives</u> , Macromolecular Symposia 159, 197-204 (2000)
	Joseph V. Koleske, <u>Cationic Radiation Curing</u> , Federation Series on Coating Technology, 7-27 (Federation of Societies for Coating Technology, 1991)
	S. Peter Pappas & John G. Woods, <u>Radiation Curable Adhesives with Auxiliary Cure Mechanisms</u> , Radiation of Curing Polymers II, 89, 147-159 (1991)
	S. Peeters et al., <u>Overview of Dual Cure Possibilities in UV Coatings</u> , Polymer Paint Colour Journal, Vol. 179 (No. 4237), 304, 308, and 309 (May 17, 1989)
	Kurt A. Wood, <u>Waterborne Radiation-Curable Coatings</u> , ACS Symposium Series 663: Technology for Waterborne Coatings, 126-136 (J. Edward Glass ed., American Chemical Society, 1997)

Examiner	Date Considered
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



## INFORMATION DISCLOSURE CITATION

Atty. Docket No. 03626.0018-00			Application No. 09/629,422					
Applicant Lawrence G. ANDERSON et al.								
Filing Date July 31, 2000			Group: 1775					
U.S. PATENT DOCUMENTS								
Examiner Initial*		Document Number	Date	Name		Class	Sub Class	Filing Date If Appropriate
	1.	1,873,945	08/23/1932	Kraenzlein et al.				
	2.	2,584,340	02/05/1952	Goodwin et al.				
	3.	2,587,295	02/26/1952	Doyle et al.				
	4.	2,860,074	11/11/1958	Hedlund et al.				
	5.	2,901,449	08/25/1959	Schwarz et al.				
	6.	2,978,437	04/04/1961	Christenson				
	7.	3,203,919	08/31/1965	Brachman.				
	8.	3,317,460	05/02/1967	Clark				
	9.	3,398,174	08/20/1968	Barnes, Jr.				
	10.	3,450,791	06/17/1969	Sekmakas et al.				
	11.	3,479,328	11/18/1969	Nordstrom				
	12.	3,539,658	11/10/1970	Sekmakas et al.				
	13.	3,577,263	05/04/1971	Nordstrom				
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	15.	3,627,836	12/14/1971	Getson				
	16.	3,642,936	02/15/1972	Hodge et al.				
	17.	3,644,566	02/22/1972	Kincheloe et al.				
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	19.	3,668,183	06/06/1972	Hoy et al.				
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	22.	3,919,315	11/11/1975	Wollweber et al.				
	23.	3,986,997	10/19/1976	Clark				
	24.	4,001,156	01/04/1977	Bosso et al.				
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	25.	4,025,407	05/24/1977	Chang et al.				
	26.	4,025,456	06/03/1980	Litteral et al.				
	27.	4,027,073	05/31/1977	Clark				
	28.	4,046,729	09/06/1977	Scriven et al.				
	29.	4,089,763	05/16/1978	Dart et al.				
	30.	4,093,673	06/06/1978	Chang et al.				
	31.	4,104,240	08/01/1978	Buter				
	32.	4,147,679	04/03/1979	Scriven et al.				
	33.	4,177,315	12/04/1979	Ubersax				
	34.	4,211,823	07/08/1980	Suzuki et al.				
	35.	4,212,901	07/15/1980	van Neerbos et al.				
	36.	4,220,679	09/02/1980	Blackhouse				
	37.	4,221,697	09/09/1980	Osborn et al.				
	38.	4,239,798	12/16/1980	Schroeter et al.				
	39.	4,254,185	03/03/1981	Buter				
	40.	4,271,062	06/02/1981	Boomgaard et al.				
	41.	4,278,574	07/14/1981	Dworak et al.				
	42.	4,279,800	07/21/1981	Boomgaard et al.				
	43.	4,308,060	12/29/1981	Talbot				
	44.	4,310,600	01/12/1982	Cross				
	45.	4,311,622	01/19/1982	Buter				
	46.	4,345,057	08/17/1982	Yamabe et al.				
	47.	4,348,462	09/07/1982	Chung				
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	48.	4,368,294	01/11/1983	Deubzer et al.			
	49.	4,369,300	01/18/1983	Carter et al.			
	50.	4,395,461	07/26/1983	Ching			
	51.	4,403,003	09/06/1983	Blackhouse			
	52.	4,403,093	09/06/1983	Hartman et al.			
	53.	4,408,018	10/04/1983	Bartman et al.			
	54.	4,410,594	10/18/1983	Olson			
	55.	4,413,086	11/01/1983	Chang et al.			
	56.	4,418,182	11/29/1983	Chattha			
	57.	4,427,820	01/24/1984	Blackhouse et al.			
	58.	4,431,789	02/14/1984	Okazaki et al.			
	59.	4,456,647	06/26/1984	Schoenfelder et al.			
	60.	4,465,815	08/14/1984	Chattha			
	61.	4,477,536	10/16/1984	Wright et al.			
	62.	4,478,876	10/23/1984	Chung			
	63.	4,481,126	11/06/1984	Trinh et al.			
	64.	4,491,508	01/01/1985	Olson et al.			
	65.	4,499,150	02/12/1985	Dowbenko et al.			
	66.	4,499,151	02/12/1985	Dowbenko et al.			
	67.	4,512,677	04/23/1985	Trinh			
	68.	4,518,522	05/21/1985	Markusch et al.			
	69.	4,520,144	05/28/1985	Noren et al.			
	70.	4,522,958	06/11/1985	Das et al.			
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U. S. P A T E N T & T R A D E M A R K O F F I C E

OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

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<b>U.S. PATENT DOCUMENTS</b>								
Examiner Initial*		Document Number	Date	Name		Class	Sub Class	Filing Date If Appropriate
	71.	4,526,910	07/02/1985	Das et al.				
	72.	4,563,372	01/07/1986	Kurauchi et al.				
	73.	4,569,966	02/11/1986	Piccirilli et al.				
	74.	4,592,816	06/03/1986	Emmons et al.				
	75.	4,598,111	07/01/1986	Wright et al.				
	76.	4,618,657	10/21/1986	Katchko et al.				
	77.	4,640,940	02/03/1987	Jacobine et al.				
	78.	4,652,470	03/24/1987	Das et al.				
	79.	4,663,377	05/05/1987	Hombach et al.				
	80.	4,665,116	05/12/1987	Kornhaber et al.				
	81.	4,673,718	06/16/1987	Ryntz et al.				
	82.	4,677,004	06/30/1987	Das et al.				
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	84.	4,681,811	07/21/1987	Simpson et al.				
	85.	4,689,383	08/25/1987	Riffle et al.				
	86.	4,713,410	12/15/1987	Katchko et al.				
	87.	4,728,543	03/01/1988	Kurauchi et al.				
	88.	4,728,545	03/01/1988	Kurauchi et al.				
	89.	4,728,690	03/01/1988	Lammerting et al.				
	90.	4,732,790	03/22/1988	Blackburn et al.				
	91.	4,754,014	06/28/1988	Ryntz et al.				
	92.	4,764,569	08/16/1988	Umemoto et al.				
	93.	4,766,185	08/23/1988	Ryntz et al.				
Examiner				Date Considered				
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								
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U.S. PATENT & TRADEMARK OFFICE

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INFORMATION DISCLOSURE CITATION

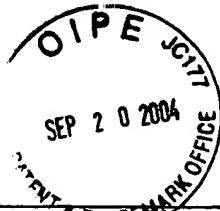
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U.S. PATENT DOCUMENTS							
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	94.	4,798,746	01/17/1989	Claar et al.			
	95.	4,804,732	02/14/1989	Ryntz et al.			
	96.	4,808,649	02/28/1989	Gay et al.			
	97.	4,816,333	03/28/1989	Lange et al.			
	98.	4,822,828	04/18/1989	Swofford			
	99.	4,835,023	05/30/1989	Taniguchi et al.			
	100.	4,851,294	07/25/1989	Buter et al.			
	101.	4,870,140	09/26/1989	Ryntz et al.			
	102.	4,873,298	10/10/1989	Ryntz et al.			
	103.	4,892,906	01/09/1990	Pham et al.			
	104.	4,910,097	03/20/1990	Nomura et al.			
	105.	4,925,659	05/15/1990	Grollier et al.			
	106.	4,927,868	05/22/1990	Schimmel et al.			
	107.	5,025,054	06/18/1994	Yoshida et al.			
	108.	5,035,748	07/30/1991	Burow et al.			
	109.	5,059,707	10/22/1991	Motegi et al.			
	110.	5,066,698	11/19/1991	Hazan et al.			
	111.	5,066,720	11/19/1991	Ohsugi et al.			
	112.	5,071,904	12/10/1991	Martin et al.			
	113.	5,075,165	12/24/1991	Kishi et al.			
	114.	5,075,370	12/24/1991	Kubitza et al.			
	115.	5,084,541	01/28/1992	Jacobs, III et al.			
	116.	5,085,694	02/04/1992	Cifuentes			
	117.	5,086,087	02/04/1992	Misev			
	118.	5,098,947	03/24/1992	Metzger et al.			
Examiner				Date Considered			
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							
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U.S. PATENT AND TRADEMARK OFFICE

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Atty..Docket No. 03626.0018-00			Serial No. 09/629,422					
Applicant		Lawrence G. ANDERSON et al.						
Filing Date		July 31, 2000		Group: 1775				
<b>U.S. PATENT DOCUMENTS</b>								
Examiner Initial*		Document Number	Date	Name		Class	Sub Class	Filing Date If Appropriate
	119.	5,098,983	03/24/1992	Mosbach et al.				
	120.	5,102,746	04/07/1992	Shindou et al.				
	121.	5,104,922	04/14/1992	Chang				
	122.	5,104,929	04/14/1992	Bilkadi				
	123.	5,110,891	05/05/1992	Cifuentes et al.				
	124.	5,112,403	05/12/1992	Okura et al.				
	125.	5,114,756	05/19/1992	Mirabeau et al.				
	126.	5,116,418	05/26/1992	Kaliski et al.				
	127.	5,141,555	08/25/1992	Elepano				
	128.	5,147,730	09/15/1992	Ogishi et al.				
	129.	5,154,759	10/13/1992	Cifuentes et al.				
	130.	5,162,420	11/10/1992	Chang et al.				
	131.	5,174,813	12/29/1992	Cifuentes et al.				
	132.	5,194,487	03/16/1993	Jacobs				
	133.	5,196,485	03/23/1993	McMonigal et al.				
	134.	5,212,216	05/18/1993	Hattori et al.				
	135.	5,212,273	05/18/1993	Das et al.				
	136.	5,213,846	05/25/1993	Tsuneta et al.				
	137.	5,235,018	08/10/1993	Potter et al.				
	138.	5,248,789	09/28/1993	Wolff				
	139.	5,256,452	10/26/1993	McMonigal et al.				
	140.	5,258,063	11/02/1993	Cifuentes et al.				
	141.	5,258,225	11/02/1993	Katsamberis				
	142.	5,258,424	11/02/1993	Yagi et al.				
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<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	143.	5,260,350	11/09/1993	Wright			
	144.	5,260,469	11/09/1993	Swiatek			
	145.	5,268,256	12/07/1993	Goetz et al.			
	146.	5,286,835	02/15/1994	Green et al.			
	147.	5,304,400	04/19/1994	Dhein et al.			
	148.	5,308,494	05/03/1994	Brandon et al.			
	149.	5,314,947	05/24/1994	Sawaragi			
	150.	5,322,873	06/21/1994	Pohl et al.			
	151.	5,322,890	06/21/1994	Ando et al.			
	152.	5,328,975	07/12/1994	Hanson et al.			
	153.	5,346,958	09/13/1994	Yukawa et al.			
	154.	5,356,669	10/18/1994	Rehfuss et al.			
	155.	5,367,019	11/22/1994	Sawaragi			
	156.	5,378,735	01/03/1995	Hosokawa et al.			
	157.	5,387,642	02/07/1995	Blum et al.			
	158.	5,389,705	02/14/1995	Huemke et al.			
	159.	5,389,718	02/14/1995	Potter et al.			
	160.	5,393,823	02/28/1995	Konno et al.			
	161.	5,395,955	03/07/1995	Okawa et al.			
	162.	5,397,638	03/14/1995	Miki et al.			
	163.	5,426,131	06/20/1995	Katsamberis			
	164.	5,430,083	07/04/1995	Klier et al.			
	165.	5,432,233	07/11/1995	Miyazoe et al.			
	166.	5,438,083	08/01/1995	Takimoto et al.			
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	167.	5,439,957	08/08/1995	Takimoto et al.				
	168.	5,444,104	08/22/1995	Waknine				
	169.	5,445,871	08/29/1995	Murase et al.				
	170.	5,461,102	10/24/1995	Masuda et al.				
	171.	5,468,461	11/21/1995	Hosoda et al.				
	172.	5,468,802	11/21/1995	Wilt et al.				
	173.	5,470,504	11/28/1995	Kiehn et al.				
	174.	5,571,297	11/05/1996	Swei et al.				
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	177.	5,593,733	01/14/1997	Mayo				
	178.	5,602,204	02/11/1997	Harimoto et al.				
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	180.	5,641,854	06/24/1997	Jones et al.				
	181.	5,663,240	09/02/1997	Simeone et al.				
	182.	5,663,244	02/09/1997	Barancyk et al.				
	183.	5,686,012	11/11/1997	Hayashi et al.				
	184.	5,693,723	12/02/1997	Green				
	185.	5,693,724	12/02/1997	Green				
	186.	5,709,950	01/20/1998	Burgman et al.				
	187.	5,719,234	02/17/1998	Yabuta et al.				
	188.	5,756,221	05/26/1998	Horibe et al.				
	189.	5,780,530	07/14/1998	Mizutani et al.				
	190.	5,798,409	08/25/1998	Ho				
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	191.	5,800,910	09/01/1998	Harke et al.			
	192.	5,814,410	09/29/1998	Singer et al.			
	193.	5,840,806	11/24/1998	Komazaki et al.			
	194.	5,853,809	12/29/1998	Campbell et al.			
	195.	5,876,806	03/02/1999	Ogawa			
	196.	5,886,082	03/23/1999	Numa et al.			
	197.	5,914,162	06/22/1999	Bilkadi			
	198.	5,922,475	07/13/1999	Barancyk et al.			
	199.	5,939,491	08/17/1999	Wilt et al.			
	200.	5,942,556	08/24/1999	Friedlander et al.			
	201.	5,976,701	11/02/1999	Barancyk et al.			
	202.	5,998,504	12/07/1999	Groth et al.			
	203.	5,998,543	12/07/1999	Collins et al.			
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Applicant Lawrence G. ANDERSON et al.							
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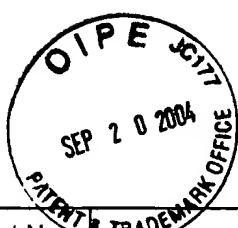
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	233.	EP-0,928,800	07/14/1999	EPO w/English Abstract			No
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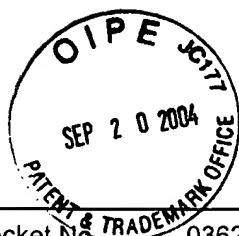
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